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Information for Authors

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edited by J. Chatt, General L.M. da Câmara Pina and R.L. Richards

September 1980, x + 284pp., £22.40 (UK only) / \$52.00, 0.12.169450.X

The study of the conversion of nitrogen gas to ammonia has increased as available supplies of fossil fuel have become depleted, and this book concentrates on the application of inorganic chemical research to this study. It is both a reference book, covering fifteen years of research, and an account of work currently in progress; it is also the most thorough study of this area, unusual in that both heterogeneous and homogeneous aspects are considered in the same volume.

Applied Fibre Science

Volume 3

edited by F. Happey

1979, xx + 552pp., £37.00 (UK only) / \$87.00, 0.12.323703.3

Applied Fibre Science is the first work to provide a comprehensive survey of the methods used to study polymers and fibres, the appropriate areas of application of these methods and the present state of knowledge. The full range of polymers and fibres is covered, including the man-made and natural fibres used in the textiles, paper and other industries, the polymers produced in the plastics industry, and also the biopolymers now being researched and the development of this research in the field of molecular biology. Volume 3 is concerned mainly with the work that has been done on specific types of polymers and fibres.

Analytical Methods for Glycerol

R.F. Ashworth and A.A. Newman

1979, xii + 268pp., £21.00 (UK only) / \$48.50, 0.12.065050.9

In this survey of the methods available for glycerol analysis it should be possible to find the procedure best suited to any particular situation. As regards its completeness, this book has no rival in its field. It includes sections on oxidation methods, esterification methods, ether formation, dehydration reactions, physical and non-chromatographic separation methods and chromatographic methods. There are chapters on methods for glycerol compounds and on the enzymic determination of glycerol, each chapter separated into sections, each section comprehensive.

Special Publications of the Society for General Microbiology 2

Adhesion of Microorganisms to Surfaces

edited by D.C. Ellwood, J. Melling and P. Rutter

1979, viii + 216pp., £10.00 (UK only) / \$23.00, 0.12.236650.6

The book starts with two review chapters, the first describing the physical chemistry of adhesion related to small particles, and the second discussing bacteriological aspects of adhesion. The subsequent chapters describe particular situations where bacterial deposition and accumulation is a problem. The final chapter is a provocative discussion of bacterial adhesion to eukaryotic host cells.

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edited by Robin K. Harris and Brian E. Mann

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Nature and Origin of Carbohydrates in Soils

M.V. Cheshire

1979, viii + 216pp., £15.80 (UK only) / \$36.50, 0.12.171250.8

The presence of carbohydrates in soil has been recognised for almost a century but detailed analysis has only been possible in the last thirty years with the advent of suitable techniques. Even now this is difficult because of chemical bonding and associations with other non-carbohydrate organic matter and some of the mineral components in the soil. This volume examines the methods which have been devised to overcome these unique problems of isolating, purifying and characterizing such compounds.

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